

ABSTRACT OF THE DISCLOSURE

An apparatus for multiplexing a digital data input into DSL outputs is disclosed. In one disclosed aspect, the apparatus may be embodied in an enclosure having a height of one rack-unit. The apparatus may include a transceiver for providing connectivity to a digital data line providing 24 DS0 channels. The apparatus may also include at least one DSL transceiver for multiplexing DS0 channels onto corresponding DSL-compatible transmission media using DSL technology. The apparatus may be mounted within a remote terminal (RT), and may receive the digital data line from within the RT.